## INTERNATIONAL SEARCH REPORT

ini nal Application No PCT/IB2004/051831

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B27/034 G11B G11B7/007 G11B7/085 G11B7/28 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1,3-5EP 0 715 301 A (SONY CORPORATION) X 5 June 1996 (1996-06-05) column 3, line 17 - column 3, line 30 column 4, line 1 - column 5, line 28 column 9, line 55 - column 11, line 7 2,6-9Α US 6 347 353 B1 (HIRAYAMA HIROSHI ET AL) 1,3-5X 12 February 2002 (2002-02-12) column 2, line 8 - column 2, line 41 column 3, line 50 - column 4, line 64 column 6, line 18 - column 6, line 22 2,6-9Α Patent family members are listed in annex. Further documents are listed in the continuation of box C. X Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-O document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means \*P\* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 12 May 2005 23/05/2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Brezmes Alonso, F

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